

Message

From: Wirick, Holiday [wirick.holiday@epa.gov]
Sent: 5/10/2021 5:46:25 PM
To: Todd, Andrew [Todd.Andrew@epa.gov]; Baker, Joshua [Baker.Joshua@epa.gov]
Subject: Fw: Comments on ND's QAPP for selenium
Attachments: NDDEQ QAPP_2021Fish Tissue and Water_Column_Se and Hg_DRAFT JRB050721.pdf;
QualityAssuranceProjectPlan_2021Water_Column_SeleniumandMercury_DRAFT.pdf

Hi Andrew and Josh, attached FYI are comments on ND DEQ's sampling QAPP from Joe Beaman and Karen Kesler, EPA's selenium leads.

Also in Erica's message below are Karen's recommended items for discussion for the call on Wednesday afternoon to discuss ND's sampling plans this field season.

Andrew, no pressure to attend the call - I know you're swamped. We can fill you in.

Thanks,

Holly Wirick
Water Quality Section
312-6238

From: Fleisig, Erica <Fleisig.Erica@epa.gov>
Sent: Friday, May 7, 2021 2:22 PM
To: Wirick, Holiday <wirick.holiday@epa.gov>
Cc: Kesler, Karen <Kesler.Karen@epa.gov>; Beaman, Joe <Beaman.Joe@epa.gov>
Subject: Comments on ND's QAPP for selenium

Holly,

Please see attached for comments from Joe and Karen on ND's QAPP (Joe's are in the file starting with "NDDEQ" and Karen's are in the other file).

Also, Karen suggests that we aim to touch on the following items during our call on 5/12. Cc'ing both of them here in case you have further questions before then. -Erica

1. Clear statement of goals of the sampling and discussion of what type of criterion value can be generated from this data (only a water column value for ecoregion 46 – not the whole state)
2. Representativeness of the sampling sites for the ecoregion
 - a. Order of streams being sampled?
 - b. Any stream types that may be missed?
 - c. Any lake types that may be missed?
 - d. Should any additional sites be added along with the typical monitoring sites to represent broader variability of selenium exposure throughout the ecoregion?
3. Target species (to actually target specific species for collection rather than sampling opportunistically)
 - a. Discuss impact of spawning on sampling
4. Number of species collected per site
5. Number of fish in each composite
6. Where water samples are being collected in lakes and how
7. Data analysis

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